

Author Index

- Absolom, D.R. 127
Ali, S.I. 183
Aserin, A. 83
Birkett, R.J. 259
Birzer, J.O. 209
Brouwer, W.M. 195
Clark, A. 259
Cohen, R. 43
Csempesz, F. 101
Dejardin, Ph. 239
Dinesh 119
Eley, D.D. 173
Exerowa, D. 43
Friberg, S.E. 325
Galán Vallejo, M. 59
Garti, N. 83
Harrop, R. 249
Hayashi, M. 353
Hey, M.J. 173
Hughes, R.D. 283
Joos, P. 139
Kabel'nov, A.S. 19
Kamo, O. 337
Khan, A.A. 33
Kovács, P. 101
Kunieda, H. 225
Kuys, K.J. 1
Lee, M.A. 173
Liang, Y.-C. 325
López Torres, M.A. 59
Maeda, Y. 353
Mahajan, O.P. 283
Maitra, A. 119
Marković, I. 69
Marlow, B.J. 283
Mates, T.E. 299
Matsushita, K. 337
Meeten, G.H. 259
Mouat, M.C.H. 51
Moy, E. 315
M'Pandou, A. 159
Neumann, A.W. 127, 315
Nikolova, A. 43
Novotny, V. 361
Okabayashi, H. 337
Ottewill, R.H. 69
Parra, J.L. 225
Pass, G. 249
Pertsov, A.V. 19
Ring, T.A. 299
Robb, I.D. 249
Roberts, N.K. 1
Rohrsetzer, S. 101
Romano-Pariente, A. 83
Rotenberg, Y. 127
Schaaf, P. 239
Schulze, H.J. 209
Shchukin, E.D. 19
Shida, N. 225
Siffert, B. 159
Singh, R.P. 33
Solans, C. 225
Spelt, J.K. 127
Sresty, G.C. 283
Taga, K. 337
Tsukamoto, K. 337
Van Hunsel, J. 139
Vargha-Butler, E.I. 315
Varshney, M. 119
Vincent, B. 269
Williams, P.A. 249
Wright, J.A. 249
Yoshikawa, K. 337
Zollars, R.L. 183
Zsom, R.L.J. 195

Subject Index

- Adsorption,
— thermodynamics of carbofuran of Sn(IV) arsenosilicate in H^+ , Na^+ and Ca^{2+} forms (Kahn, Singh) 33
An indirect measurement of negative — (Mouat) 51
Coupling between interfacial protein — and bulk diffusion. A numerical study (Schaaf, Dejardin) 239
Exchange and competitive — of polyelectrolytes on barium sulphate (Wright et al.) 249
In situ investigation of the — of styrene phosphonic acid on cassiterite by FTIR-ATR spectroscopy (Kuys, Roberts) 1
Interfacial behaviour of binary polymer mixtures. II. Competitive polymer — and its effect on the stability of colloidal dispersions (Csempesz et al.) 151
Newton black films stabilized with insoluble monolayers obtained by — from the gas phase (Exerowa et al.) 43
Polyethyleneglycol — at the TiO_2-H_2O interface: distortion of ionic structure and shear plane position (M'Pandou, Siffert) 159
- Adsorption kinetics,
— at the oil/water interface (Van Hunsel, Joos) 139
- Aerosol OT,
Conformation of the polar part in the — inverted micelles. Gadolinium ion-induced spin-lattice relaxation studies (Okabayashi et al.) 337
Revisiting the rotational isomerism of — from the selective heteronuclear nuclear Overhauser effect (Maitra et al.) 119
- Alcohol solutions,
Steric stability of alkoxy-precipitated TiO_2 in — (Mates, Ring) 299
- Anionic surfactants,
— -water systems: Specific refractive index, specific volume and viscosity (Galán Vallejo, Lopéz Torres) 59
- Asphaltene,
Rheological studies of — films adsorbed at the oil/water interface (Eley et al.) 173
- Asphaltenes,
Colloidal stabilization of clays by — in hydrocarbon media (Marlow et al.) 283
- Barium sulphate,
Exchange and competitive adsorption of polyelectrolytes on — (Wright et al.) 249
- Carbofuran,
Adsorption thermodynamics of — of SN(IV) arsenosilicate in H^+ , Na^+ and Ca^+ forms (Kahn, Singh) 33
- Cassiterite,
In situ investigation of the adsorption of styrene phosphonic acid on — by FTIR-ATR spectroscopy (Kuys, Roberts) 1
- Cell windows,
The effects of — on the optical reflectance of diffusely-scattering materials (Birkett et al.) 259
- Clays,
Colloidal stabilization of — by asphaltenes in hydrocarbon media (Marlow et al.) 283
- Diacylglycerophosphocholine,
Micelle formation of — in organic solvents. II. Measurements of microenvironmental characteristics by fluorescence quenching (Maeda, Hayashi) 353
- Diffusion,
Coupling between interfacial protein adsorption and bulk —. A numerical study (Schaaf, Dejardin) 239
- Drop shape analysis,
Sessile-drop contact angle measurements using axisymmetric — (Spelt et al.) 127
- Emulsion stability,
Ostwald ripening in two-component disperse phase systems: Application to — (Kabel'nov et al.) 19
- Fluorescence quenching,
Micelle formation of diacylglycerophosphocholine in organic solvents. II. Measurements of microenvironmental characteristics by — (Maeda, Hayashi) 353
- FTIR-ATR,
In situ investigation of the adsorption of styrene phosphonic acid on cassiterite by — spectroscopy (Kuys, Roberts) 1
- Gadolinium,
Conformation of the polar part in the AOT inverted micelles. — ion-induced spin-lattice relaxation studies (Okabayashi et al.) 337

- Gel-emulsions,
The formation of — in a water/nonionic surfactant/oil system (Kunieda et al.) 225
- Interfacial behaviour,
— of binary polymer mixtures. II. Competitive polymer adsorption and its effect on the stability of colloidal dispersions (Csempesz et al.) 101
- Langmuir-Blodgett layers,
Stability of thin liquid films on — on silica surfaces (Schulze, Birzer) 209
- Micelle formation,
— of diacylglycerophosphocholine in organic solvents. II. Measurements of microenvironmental characteristics by fluorescence quenching (Maeda, Hayashi) 353
- Negative adsorption,
An indirect measurement of — (Mouat) 51
- Newton black films,
— stabilized with insoluble monolayers obtained by adsorption from the gas phase (Exerowa et al.) 43
- Non-aqueous colloids,
Applications of — (Novotny) 361
- Non-aqueous dispersions,
Structural and dynamic features of concentrated — (Marković, Ottewill) 69
The stability of — of weakly interacting particles (Vincent) 269
- Non-aqueous microemulsions,
Critical phenomena in — (Friberg, Liang) 325
- Non-polar liquid systems,
Sedimentation behaviour of low surface energy powders in different — (Vargha-Butler et al.) 315
- Nuclear Overhauser effect,
Revisiting the rotational isomerism of Aerosol OT from the selective heteronuclear — (Maitra et al.) 119
- Oil/water interface,
Adsorption kinetics at the — (Van Hunsel, Joos) 139
Rheological studies of asphaltene films adsorbed at the — (Eley et al.) 173
- Optical reflectance,
The effects of cell windows on the — of diffusely-scattering materials (Birkett et al.) 259
- Ostwald ripening,
— in two-component disperse phase systems: Application to emulsion stability (Kabel'nov et al.) 19
- Particle concentration effects,
— on shear coagulation in the presence of repulsive interparticle forces (Zollars, Ali) 183
- Polyelectrolytes,
Exchange and competitive adsorption of — on barium sulphate (Wright et al.) 249
- Polyethyleneglycol,
— adsorption at the $\text{TiO}_2\text{-H}_2\text{O}$ interface: distortion of ionic structure and shear plane position (M'Pandou, Siffert) 159
- Polystyrene,
— latex particle surface characteristics (Brouwer, Zsom) 195
- Protein adsorption,
Coupling between interfacial — and bulk diffusion. A numerical study (Schaaf, Dejardin) 239
- Refractive index,
Anionic surfactants-water systems: Specific —, specific volume and viscosity (Galán Vallejo, López Torres) 59
- Rheological studies,
— of asphaltene films adsorbed at the oil/water interface (Eley et al.) 171
- Rotational isomerism,
Revisiting the — of Aerosol OT from the selective heteronuclear nuclear Overhauser effect (Maitra et al.) 119
- Sedimentation behaviour,
— of low surface energy powders in different non-polar liquid systems (Vargha-Butler et al.) 315
- Sessile-drop contact angle,
— measurements using axisymmetric drop shape analysis (Spelt et al.) 127
- Shear coagulation,
Particle concentration effects on — in the presence of repulsive interparticle forces (Zollars, Ali) 183
- Shear plane,
Polyethyleneglycol adsorption at the $\text{TiO}_2\text{-H}_2\text{O}$ interface: distortion of ionic structure and — position (M'Pandou, Siffert) 159
- Silica,
Stability of thin liquid films on Langmuir-Blodgett layers on — surfaces (Schulze, Birzer) 209
- Sn(IV) arsenosilicate,
Adsorption thermodynamics of carbofuran of — in H^+ , Na^+ and Ca^{2+} forms (Kahn, Singh) 33

Spin-lattice relaxation,

Conformation of the polar part in the AOT inverted micelles. Gadolinium ion-induced — studies (Okabayashi et al.) 337

Stability,

— of thin liquid films on Langmuir-Blodgett layers on silica surfaces (Schulze, Birzer) 209

Interfacial behaviour of binary polymer mixtures. II. Competitive polymer adsorption and its effect on the — of colloidal dispersions (Csempesz et al.) 101

Steric — of alkoxy-precipitated TiO_2 in alcohol solutions (Mates, Ring) 299

The — of non-aqueous dispersions of weakly interacting particles (Vincent) 269

Stabilization,

Colloidal — of clays by asphaltenes in hydrocarbon media (Marlow et al.) 283

Styrene phosphonic acid,

In situ investigation of the adsorption of

— on cassiterite by FTIR-ATR spectroscopy (Kuys, Roberts) 1

Thermodynamics,

Adsorption — of carbofuran of Sn(IV) arsenosilicate in H^+ , Na^+ and Ca^{2+} forms (Kahn, Singh) 33

 TiO_2 ,

Steric stability of alkoxy-precipitated — in alcohol solutions (Mates, Ring) 299

 $\text{TiO}_2\text{-H}_2\text{O}$,

Polyethyleneglycol adsorption at the — interface: distortion of ionic structure and shear plane position (M'Pandou, Siffert) 159

Viscosity,

Anionic surfactants-water systems: Specific refractive index, specific volume and — (Galán Vallejo, López Torres) 59

w/o/w emulsions,

The effect of additives on release from — (Garti et al.) 83

